

1. (currently amended) A bioadhesive, film-forming composition for application to mammalian skin, said composition comprising,

a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;

b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft Copolymer; said composition further being comprised of hydrophilic or hydrophobic carriers or a mixture of the same; and said composition forming a hydrophilic but water insoluble bioadherent polymeric film on the skin.

2. (original) The film-forming composition of Claim 1, wherein said composition comprises from about 0.3 to about 5% by weight of the graft Copolymer.

3. (original) The composition of Claim 1, comprising from about 0.3% Copolymer to about 3% Copolymer.

4. (original) The composition of Claim 1, as a solution, emulsion, dispersion, lotion, cream, film, or petrolatum or wax based preparation.

5. (original) The film-forming composition of Claim 1, wherein said composition is a non-aqueous formulation.

6. (original) The film-forming composition of Claim 1, further comprising a biologically active agent.

7. (original) The film-forming composition of Claim 4, further comprising a biologically active agent.

8. (original) A method of treatment of mammalian skin comprising applying to the said skin, an

effective amount of a composition of Claim 1.

9. (withdrawn, currently amended) A skin moisturizer comprising the aqueous formulation of Claim 1.

10. (original) The method of Claim 8, wherein the method of applying the composition is selected from the group consisting of a spray, a roll-on, immersion, dipping, applying by brush, or spattering.

11. (currently amended) A stable gel, comprising the homogenized formulation of

a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;

b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer, in an aqueous formulation, said composition forming a hydrophilic but water-insoluble bioadherent polymeric film on the skin,

12. (withdrawn, currently amended) A foam stabilizer, comprising the composition of Claim 1.

13. (withdrawn, currently amended) A detergent comprising the foam stabilizer of Claim 12.

14. (withdrawn, currently amended) A shampoo comprising the foam stabilizer of Claim 12.

15. (withdrawn, currently amended) A hair conditioner comprising the composition of Claim 1.

16. (currently amended) A method of treatment of mammalian skin, comprising a transdermal, sustained release of a biologically active agent from the bioadhesive, film-forming composition comprising,

a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, 30 some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;

b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer;

c) an effective amount of the biologically active agent;

said composition further being comprised of hydrophilic or hydrophobic carrier or a mixture of the same; and said composition forming a hydrophilic but water insoluble bioadherent polymeric film on the skin.

17. (currently amended) A method of systemic treatment of mammal tissue, comprising a transdermal, sustained release of an active agent from the bioadhesive, film-forming composition comprising, a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;
- b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer;
- c) an effective amount of the biologically active agent;
- said composition further being comprised of hydrophilic or hydrophobic carrier or a mixture of the same; and said composition forming a hydrophilic but water insoluble bioadherent polymeric film on the skin.
18. (original) A face make up, comprising the composition of Claim 1.
19. (withdrawn, currently amended) A lipstick comprising the composition of Claim 1.
20. (withdrawn, currently amended) A mascara comprising the composition of Claim 1.